

TRANSPORTATION PROJECT REPORT

DRAFT DESIGN REPORT / DRAFT ENVIRONMENTAL IMPACT STATEMENT / DRAFT 4(f) EVALUATION

VOLUME 2

Appendix A1: Maps & Miscellaneous Plans

November 2016

PIN 5470.22
NYS Route 198 (Scajaquada Expressway) Corridor
Grant Street Interchange to Parkside Avenue Intersection
City of Buffalo
Erie County



ANDREW M. CUOMO
Governor

**Department of
Transportation**

MATTHEW J. DRISCOLL
Commissioner



**U.S. Department of Transportation
Federal Highway Administration**

TRANSPORTATION PROJECT REPORT

DRAFT DESIGN REPORT / DRAFT ENVIRONMENTAL IMPACT STATEMENT / DRAFT 4(f) EVALUATION

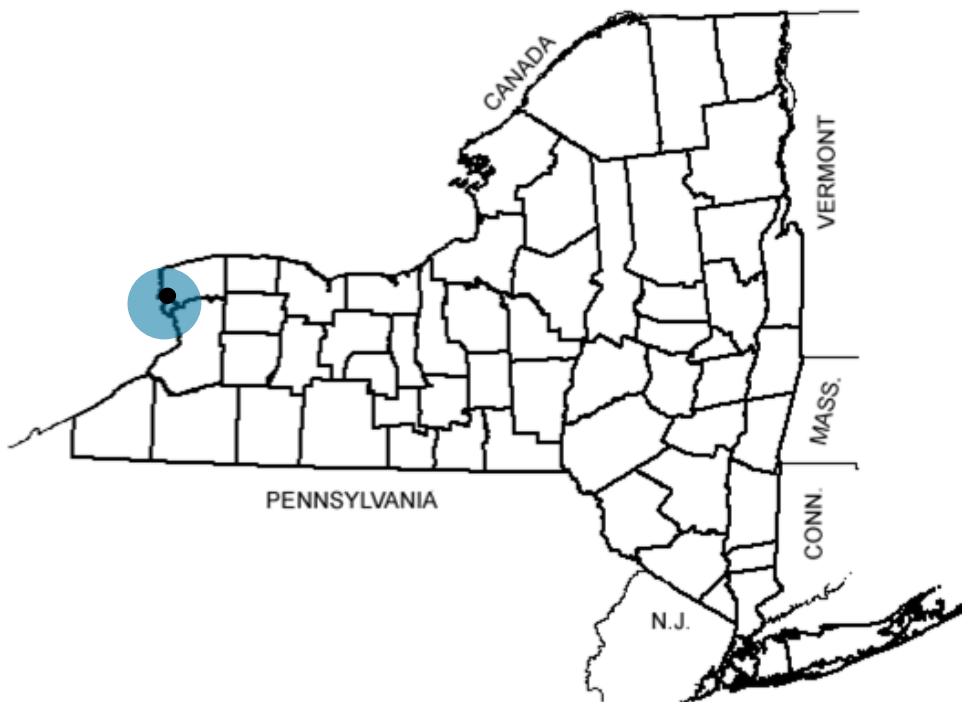
APPENDIX A1

Maps & Miscellaneous Plans

November 2016

PIN 5470.22

NYS Route 198 (Scajaquada Expressway Corridor)
Grant Street Interchange to Parkside Avenue Intersection
City of Buffalo
Erie County



ANDREW M. CUOMO
Governor

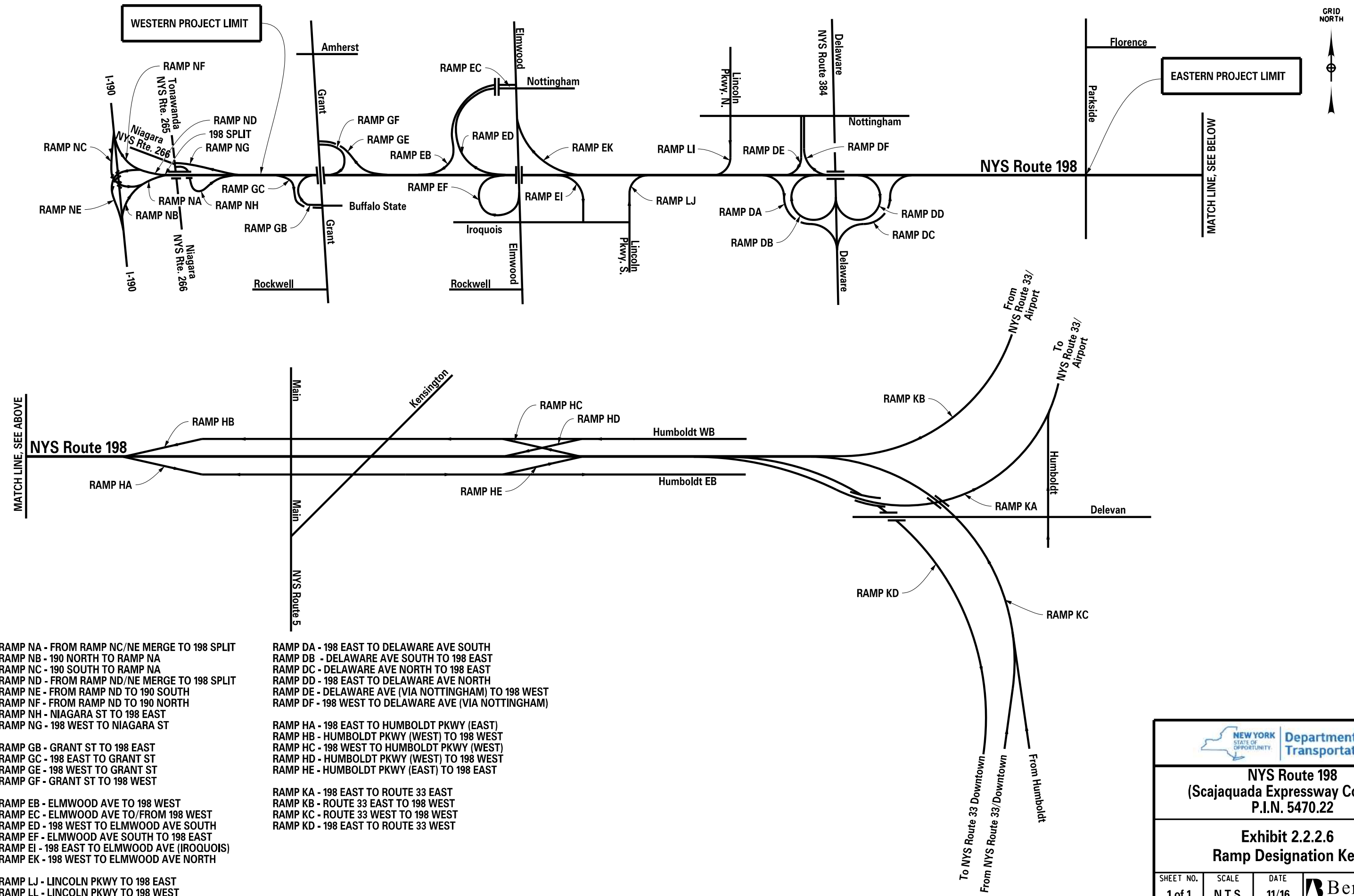
Department of
Transportation

MATTHEW J. DRISCOLL
Commissioner



U.S. Department of Transportation
Federal Highway Administration

547022.STU.TRF_RAMP_KEY.DGN



- RAMP NA - FROM RAMP NC/NE MERGE TO 198 SPLIT
RAMP NB - 190 NORTH TO RAMP NA
RAMP NC - 190 SOUTH TO RAMP NA
RAMP ND - FROM RAMP ND/NE MERGE TO 198 SPLIT
RAMP NE - FROM RAMP ND TO 190 SOUTH
RAMP NF - FROM RAMP ND TO 190 NORTH
RAMP NH - NIAGARA ST TO 198 EAST
RAMP NG - 198 WEST TO NIAGARA ST



RAMP GB - GRANT ST TO 198 EAST
RAMP GC - 198 EAST TO GRANT ST
RAMP GE - 198 WEST TO GRANT ST
RAMP GF - GRANT ST TO 198 WEST

RAMP EB - ELMWOOD AVE TO 198 WEST
RAMP EC - ELMWOOD AVE TO/FROM 198 WEST
RAMP ED - 198 WEST TO ELMWOOD AVE SOUTH
RAMP EF - ELMWOOD AVE SOUTH TO 198 EAST
RAMP EI - 198 EAST TO ELMWOOD AVE (IROQUOIS)
RAMP EK - 198 WEST TO ELMWOOD AVE NORTH

RAMP LJ - LINCOLN PKWY TO 198 EAST
RAMP LL - LINCOLN PKWY TO 198 WEST
- RAMP DA - 198 EAST TO DELAWARE AVE SOUTH
RAMP DB - DELAWARE AVE SOUTH TO 198 EAST
RAMP DC - DELAWARE AVE NORTH TO 198 EAST
RAMP DD - 198 EAST TO DELAWARE AVE NORTH
RAMP DE - DELAWARE AVE (VIA NOTTINGHAM) TO 198 WEST
RAMP DF - 198 WEST TO DELAWARE AVE (VIA NOTTINGHAM)


RAMP HA - 198 EAST TO HUMBOLDT PKWY (EAST)
RAMP HB - HUMBOLDT PKWY (WEST) TO 198 WEST
RAMP HC - 198 WEST TO HUMBOLDT PKWY (WEST)
RAMP HD - HUMBOLDT PKWY (WEST) TO 198 WEST
RAMP HE - HUMBOLDT PKWY (EAST) TO 198 EAST

RAMP KA - 198 EAST TO ROUTE 33 EAST
RAMP KB - ROUTE 33 EAST TO 198 WEST
RAMP KC - ROUTE 33 WEST TO 198 WEST
RAMP KD - 198 EAST TO ROUTE 33 WEST



NYS Route 198
(Scajaquada Expressway Corridor)
P.I.N. 5470.22

Exhibit 2.2.2.6
Ramp Designation Key

SHEET NO.	SCALE	DATE	
1 of 1	N.T.S.	11/16	

686100.STU.TRE.KEY.PLAN.DIVERSION AREA.INTERSECTIONS.DGN



EXHIBIT 2.3.3.9 - UTILITY FACILITIES INVENTORY REPORT**X INITIAL / ☐ FINAL (check one)**

P.I.N. (s): 5470.22

Federal Aid Project Number(s):

PROJECT DESCRIPTION: **NYS Route 198 (Scajaquada Expressway) Corridor**
Grant Street Interchange to Parkside Avenue Intersection

Contract "D" Number:

Date Inventory to DQAB:

Date Revised Inventory to DQAB:

Letting Date:

REF NO ¹	NAME AND DESCRIPTION OF UTILITY SCOPE AND LOCATION OF WORK REQUIRED	PRESENT ROW LOCATION	RELOCATION DATA				DDAD ³ TO UTILITY	DA TO UTILITY ⁴	UTILITY WORK AGREE. DQAB	AUTHORIZATION AND REMARKS
			Y/N	R or NR ²	COST EST.	WHEN?/BY?				
	Fire Alarm City of Buffalo									
1A	Underground Fire Alarm Conduit Grant Street Right - Eastbound Ramps to Westbound Ramps	CITY	Y	R						
	Underground Fire Alarm Conduit Elmwood Avenue Right - Iroquois Drive to North Bridge Approach	CITY	N	R						
	Underground Fire Alarm Conduit NYS Route 198 Left - Radio Tower	CITY	N	R						
	Cable Television Time Warner									
No facilities within the project work limits										
	Telephone Verizon									
3B	Underground Telephone Elmwood Avenue Right - Iroquois Drive to Nottingham Terrace	CITY, STATE	N	NR						
	Underground Telephone NYS Route 198 Right to Nottingham Terrace Left - East of the Pedestrian Bridge/Lincoln Parkway	STATE, CITY	N	NR						
	Underground Telephone NYS Route 198 Left - Radio Tower, Along Park Road, to Parks Maintenance Building	CITY	N	NR						
	Underground Telephone Eastbound Humboldt Parkway Right - 130 m West of Main Street to Main Street Right	CITY	N	NR						
	Electric National Grid									
4A	Underground Electric - Street Lights NYS Route 198 Left/Right - Viaduct to Grant Street Eastbound Ramps	STATE	Y	R						

EXHIBIT 2.3.3.9 - UTILITY FACILITIES INVENTORY REPORT**X INITIAL / ☐ FINAL (check one)**

P.I.N. (s): 5470.22

Federal Aid Project Number(s):

**PROJECT DESCRIPTION: NYS Route 198 (Scajauada Expressway) Corridor
Grant Street Interchange to Parkside Avenue Intersection**

Contract "D" Number:

Date Inventory to DQAB:

Date Revised Inventory to DQAB:

Letting Date:

REF NO ¹	NAME AND DESCRIPTION OF UTILITY SCOPE AND LOCATION OF WORK REQUIRED	PRESENT ROW LOCATION	RELOCATION DATA				DDAD ³ TO UTILITY	DA TO UTILITY ⁴	UTILITY WORK AGREE. DQAB	AUTHORIZATION AND REMARKS
			Y/N	R or NR ²	COST EST.	WHEN?/BY?				
4A	Underground Electric - Street Lights NYS Route 198 Eastbound Off Ramp to Grant Street Left/Right - NYS Route 198 to West of Grant Street	STATE	Y	R						
	Underground Electric - Street Lights NYS Route 198 Eastbound On Ramp from Grant Street Right - Grant Street to NYS Route 198	STATE	Y	R						
	Underground Electric - Street Lights NYS Route 198 Left/Right - Grant Street Eastbound Ramps to 290 m East of Grant Street	STATE	Y	R						
	Underground Electric - Street Lights NYS Route 198 Westbound Off Ramp to Grant Street Right, On Ramp from Grant Street Left - Grant Street to NYS Route 198 (On Bridges)	STATE	Y	R						
	Underground Electric - Street Lights Grant Street Left/Right - Eastbound Ramp Intersection to Westbound Ramp Intersection (On Bridge)	STATE, CITY	Y	R						
	Underground Electric - Street Lights NYS Route 198 Left/Right - 350 m East of Grant Street to East of Elmwood Avenue	STATE	Y	R						
	Underground Electric - Street Lights NYS Route 198 Westbound On Ramp from Elmwood Avenue Right, Off Ramp to Elmwood Avenue Left - NYS Route 198 to Elmwood Avenue (On Bridge)	STATE	Y	R						
	Underground Electric - Street Lights NYS Route 198 Eastbound On Ramp from Elmwood Avenue Southbound Right - NYS Route 198 to Elmwood Avenue	STATE	Y	R						
	Underground Electric - Street Lights Elmwood Avenue Left/Right - Iroquois Drive to Nottingham Terrace (On Bridge)	CITY	N	R						Relocated/Replaced under Elmwood Avenue Bridge Replacement Project

EXHIBIT 2.3.3.9 - UTILITY FACILITIES INVENTORY REPORT**X INITIAL / ☐ FINAL (check one)**

P.I.N. (s): 5470.22

Federal Aid Project Number(s):

PROJECT DESCRIPTION: **NYS Route 198 (Scajaquada Expressway) Corridor**
Grant Street Interchange to Parkside Avenue Intersection

Contract "D" Number:

Date Inventory to DQAB:

Date Revised Inventory to DQAB:

Letting Date:

REF NO ¹	NAME AND DESCRIPTION OF UTILITY SCOPE AND LOCATION OF WORK REQUIRED	PRESENT ROW LOCATION	RELOCATION DATA				DDAD ³ TO UTILITY	DA TO UTILITY ⁴	UTILITY WORK AGREE. DQAB	AUTHORIZATION AND REMARKS
			Y/N	R or NR ²	COST EST.	WHEN?/BY?				
4A	Underground Electric - Street Lights Iroquois Drive Left, NYS Route 198 Eastbound Off Ramp to Iroquois Drive, NYS Route 198 Eastbound On Ramp from Lincoln Parkway South Left - Elmwood Avenue to Lincoln Parkway South, Iroquois Drive to NYS Route 198	CITY, STATE	Y	R						
	Underground Electric - Street Lights NYS Route 198 Left/Right, Westbound Off Ramp to Elmwood Avenue Northbound Right, Lincoln Parkway North/South - East of Elmwood Avenue to Pedestrian Bridge (On Bridge), NYS Route 198 to Nottingham Terrace	STATE, CITY	Y	R						
	Underground Electric - Street Lights NYS Route 198 Left/Right - East of Pedestrian Bridge to NYS Route 198 Eastbound On Ramp from Delaware Avenue Northbound (On Bridge)	STATE, CITY	Y	R						
	Underground Electric - Street Lights Nottingham Terrace Right - Lincoln Parkway North to 250 m to the East	CITY	N	R						
	Underground Electric - Street Lights NYS Route 198 Eastbound On/Off Ramps to Delaware Avenue Left/Right - NYS Route 198 to Delaware Avenue	CITY	Y	R						
	Underground Electric - Street Lights Delaware Avenue Left/Right - South of NYS Route 198 Eastbound Ramp to Nottingham Terrace	CITY	Y	R						
	Underground Electric - Street Lights Nottingham Terrace Right - NYS Route 198 Westbound On/Off Ramp to East of Delaware Avenue	CITY	N	R						
	Underground Electric - Street Lights Delaware Avenue/Bridge to Park Road	CITY	*	R						

EXHIBIT 2.3.3.9 - UTILITY FACILITIES INVENTORY REPORT**X INITIAL / ☐ FINAL (check one)**

P.I.N. (s): 5470.22

Federal Aid Project Number(s):

**PROJECT DESCRIPTION: NYS Route 198 (Scajaquada Expressway) Corridor
Grant Street Interchange to Parkside Avenue Intersection**

Contract "D" Number:

Date Inventory to DQAB:

Date Revised Inventory to DQAB:

Letting Date:

REF NO ¹	NAME AND DESCRIPTION OF UTILITY SCOPE AND LOCATION OF WORK REQUIRED	PRESENT ROW LOCATION	RELOCATION DATA				DDAD ³ TO UTILITY	DA TO UTILITY ⁴	UTILITY WORK AGREE. DQAB	AUTHORIZATION AND REMARKS
			Y/N	R or NR ²	COST EST.	WHEN?/BY?				
4A	Underground Electric - Street Lights (2) Delaware Park Road Left - East of Delaware Avenue to Parkside Avenue, To Radio Tower	CITY	*	R						
	Underground Electric - Street Lights NYS Route 198 Left/Right - NYS Route 198 Eastbound On Ramp from Delaware Avenue Northbound to Parkside Avenue	CITY	Y	R						
	Underground Electric - Street Lights NYS Route 198 Left/Right - Parkside Avenue to Main Street Overpass	CITY	Y	R						
	Underground Electric - Street Lights Agassiz Circle South Right to Eastbound Humboldt Parkway Right - Parkside Avenue to Main Street	CITY	N	R						
	Underground Electric - Street Lights Agassiz Circle North Left to Westbound Humboldt Parkway Left - Parkside Avenue to Main Street	CITY	*	R						
	Electric National Grid									
5B	Underground Electric Duct Bank (3) Delaware Park Road - East of Delaware Avenue to West of Parkside Avenue, To Radio Tower	CITY	N	NR						
	Gas Main National Fuel									
6B	16"/12" Gas Main NYS Route 198 Right/Left - East/Parallel to Grant Street, Along Iroquois Drive to Germain Street	CITY, STATE	Y	NR						
	4"/8" Gas Mains (4) Elmwood Avenue Left/Right - North/Parallel to Nottingham Terrace	CITY, STATE	N	NR						
	4" Gas Main Elmwood Avenue Connector Left - North/Adjacent to Proposed Bridge	CITY, STATE	Y	NR						

EXHIBIT 2.3.3.9 - UTILITY FACILITIES INVENTORY REPORT**X INITIAL / ☐ FINAL (check one)**

P.I.N. (s): 5470.22

Federal Aid Project Number(s):

PROJECT DESCRIPTION: **NYS Route 198 (Scajaquada Expressway) Corridor**
Grant Street Interchange to Parkside Avenue Intersection

Contract "D" Number:

Date Inventory to DQAB:

Date Revised Inventory to DQAB:

Letting Date:

REF NO ¹	NAME AND DESCRIPTION OF UTILITY SCOPE AND LOCATION OF WORK REQUIRED	PRESENT ROW LOCATION	RELOCATION DATA				DDAD ³ TO UTILITY	DA TO UTILITY ⁴	UTILITY WORK AGREE. DQAB	AUTHORIZATION AND REMARKS
			Y/N	R or NR ²	COST EST.	WHEN?/BY?				
6B	8" and 16" Gas Mains (3) Elmwood Avenue Right - Iroquois Drive to Nottingham Terrace	CITY, STATE	N	NR						
	4"/2" Gas Mains Meadowview Place Right, Agassiz Circle Right, Burbank Drive/Terrace, Parkside Avenue Right - Burbank Terrace to Medaille College, Parkside Avenue to Westbound Humboldt Parkway	CITY	*	NR						
	6" Gas Main Eastbound Humboldt Parkway Right - Agassiz Circle to Main Street	CITY	N	NR						
	4" to 10" Gas Main Westbound Humboldt Parkway Left, Woodward Avenue/Crescent Avenue - Agassiz Circle to Main Street	CITY	N	NR						
	Water Main City of Buffalo									
7A	36" Water Main Grant Street Right - South Bridge Abutment to North of Westbound Ramps (On Bridge)	NYS	N	R						
	36" Water Main NYS Route 198 Right - East of Grant Street, Between NYS Route 198 and Iroquois Drive	NYS	N	R						
	10" Water Main Grant Street Right - South of NYS Route 198 Eastbound Ramps to South Bridge Abutment	CITY, SUNY, STATE	*	R						
	6" Water Main Elmwood Avenue Left, Nottingham Terrace Right - Elmwood Connector Intersection to the North and East	CITY	*	R						
	16" Water Main Elmwood Avenue Right - Iroquois Drive to North of Nottingham Terrace (On Bridge)	STATE, CITY	N	R						

EXHIBIT 2.3.3.9 - UTILITY FACILITIES INVENTORY REPORT**X INITIAL / ☐ FINAL (check one)**

P.I.N. (s): 5470.22

Federal Aid Project Number(s):

PROJECT DESCRIPTION: **NYS Route 198 (Scajaquada Expressway) Corridor**
Grant Street Interchange to Parkside Avenue Intersection

Contract "D" Number:

Date Inventory to DQAB:

Date Revised Inventory to DQAB:

Letting Date:

REF NO ¹	NAME AND DESCRIPTION OF UTILITY SCOPE AND LOCATION OF WORK REQUIRED	PRESENT ROW LOCATION	RELOCATION DATA				DDAD ³ TO UTILITY	DA TO UTILITY ⁴	UTILITY WORK AGREE. DQAB	AUTHORIZATION AND REMARKS
			Y/N	R or NR ²	COST EST.	WHEN?/BY?				
7A	8" Water Main Nottingham Terrace Left - Lincoln Parkway North to 250 m to the East	CITY	N	R						
	20" Water Main Delaware Avenue Right - South of Eastbound On-Ramp to Nottingham Terrace	CITY	Y	R						
	8"/6" Water Main NYS Route 198 Left, Under Park Road - Delaware Park to 220 m West of Parkside Avenue	CITY	N	R						
	4"/6" Water Main NYS Route 198 Right, Parks Maintenance Building - 170 m in front of building, Crosses NYS Route 198	CITY	Y	R						
	8" Water Main NYS Route 198 Left/Right - West of Parkside Avenue, Crosses NYS Route 198	CITY	Y	R						
	6"/8"/10" Water Main Meadowview Place, Agassiz Circle - Burbank Terrace to Humboldt Parkways, Around Agassiz Circle (Right if Counterclockwise), Up Parkside Avenue	CITY	N	R						
	6" Water Main Eastbound Humboldt Parkway Right - Agassiz Circle to Main Street	CITY	N	R						
	10"/6" Water Main Westbound Humboldt Parkway Left, Woodward Avenue/Crescent Avenue - Agassiz Circle to Main Street	CITY	N	R						
	Storm/Sanitary (Combined) City of Buffalo									
8A	Sanitary Sewer Grant Street Left - South of Eastbound Ramps	CITY	N	R						

EXHIBIT 2.3.3.9 - UTILITY FACILITIES INVENTORY REPORT**X INITIAL / ☐ FINAL (check one)**

P.I.N. (s): 5470.22

Federal Aid Project Number(s):

**PROJECT DESCRIPTION: NYS Route 198 (Scajaquada Expressway) Corridor
Grant Street Interchange to Parkside Avenue Intersection**

Contract "D" Number:

Date Inventory to DQAB:

Date Revised Inventory to DQAB:

Letting Date:

REF NO ¹	NAME AND DESCRIPTION OF UTILITY SCOPE AND LOCATION OF WORK REQUIRED	PRESENT ROW LOCATION	RELOCATION DATA				DDAD ³ TO UTILITY	DA TO UTILITY ⁴	UTILITY WORK AGREE. DQAB	AUTHORIZATION AND REMARKS
			Y/N	R or NR ²	COST EST.	WHEN?/BY?				
8A	Sanitary Sewer Elmwood Avenue - North of Nottingham Terrace	CITY	N	R						
	Sanitary Sewer Nottingham Terrace Right - At Buffalo History Museum Driveway	CITY	Y	R						
	Sanitary Sewer Nottingham Terrace Left - Lincoln Parkway North to Delaware Avenue	CITY	N	R						
	Sanitary Sewer Burbank Drive, Medaille College - South to Agassiz Circle	CITY	N	R						
	Sanitary Sewer Woodward Avenue - Westbound Humboldt Parkway to North	CITY	N	R						
Additional Utility Location Information to be Added Upon Receipt/Confirmation of Additional Mapping										

1. 1A, 2A, etc., should be used for reimbursable relocations, and 1B, 2B, etc., should be used for non-reimbursable relocations or betterments.

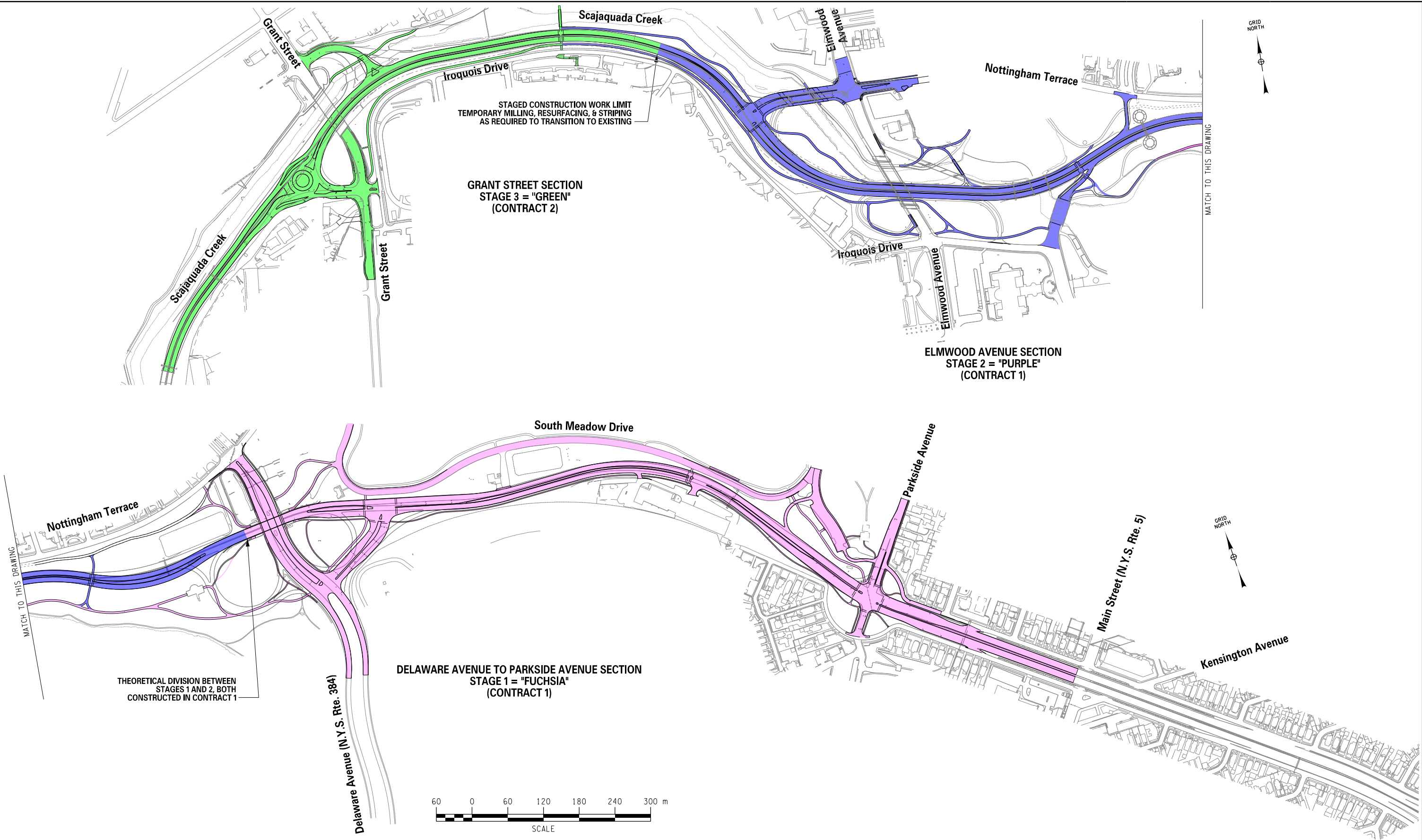
2. R – Reimbursable, NR – Non-reimbursable



3. DDAD – Draft Design Approval Document

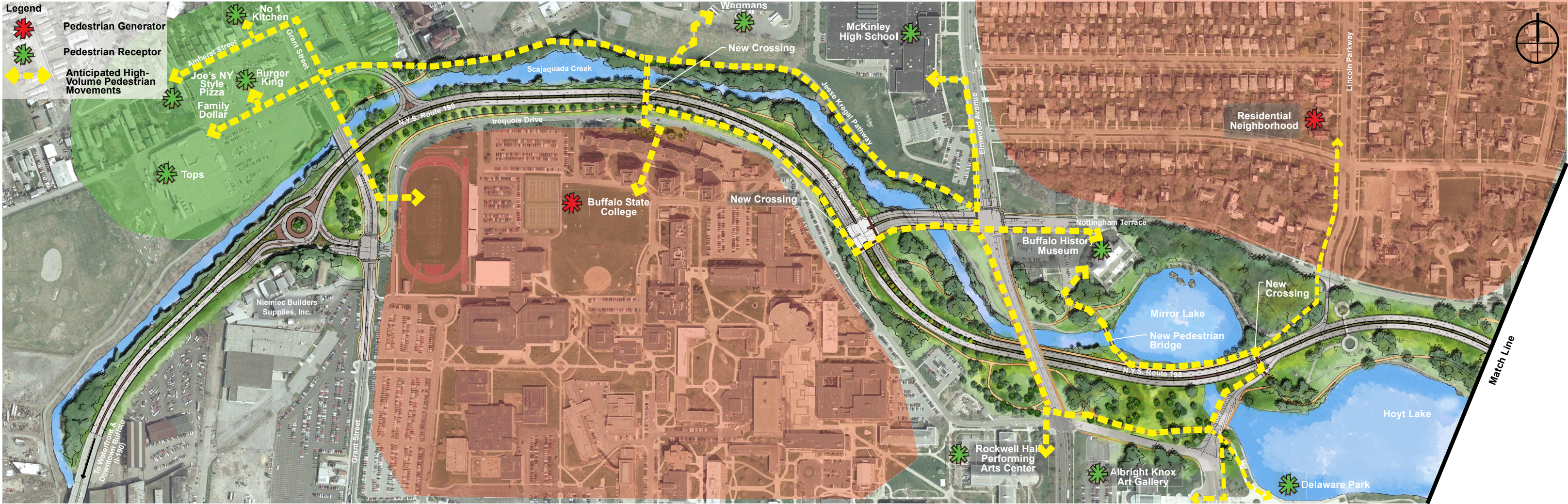
4. DA – Design Approval Memo

5. Roadway Left/Right is determined from South to North, West to East.

6. * - Potential conflict at isolated location(s).



AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	N.Y.S. ROUTE 198 (SCAJAQUADA EXPRESSWAY CORRIDOR)	PIN 5470.22	BRIDGES	CULVERTS	ALL DIMENSIONS IN m UNLESS OTHERWISE NOTED	CONTRACT NUMBER D031048-04
	CITY OF BUFFALO	NOVEMBER 2016				DRAWING NO. XX-XX
	COUNTY: ERIE				CONCEPTUAL CONSTRUCTION STAGES ALTERNATIVE 2 EXHIBIT 3.3.1.7 (3)-1	SHEET NO. XX-XX
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.						  Department of Transportation



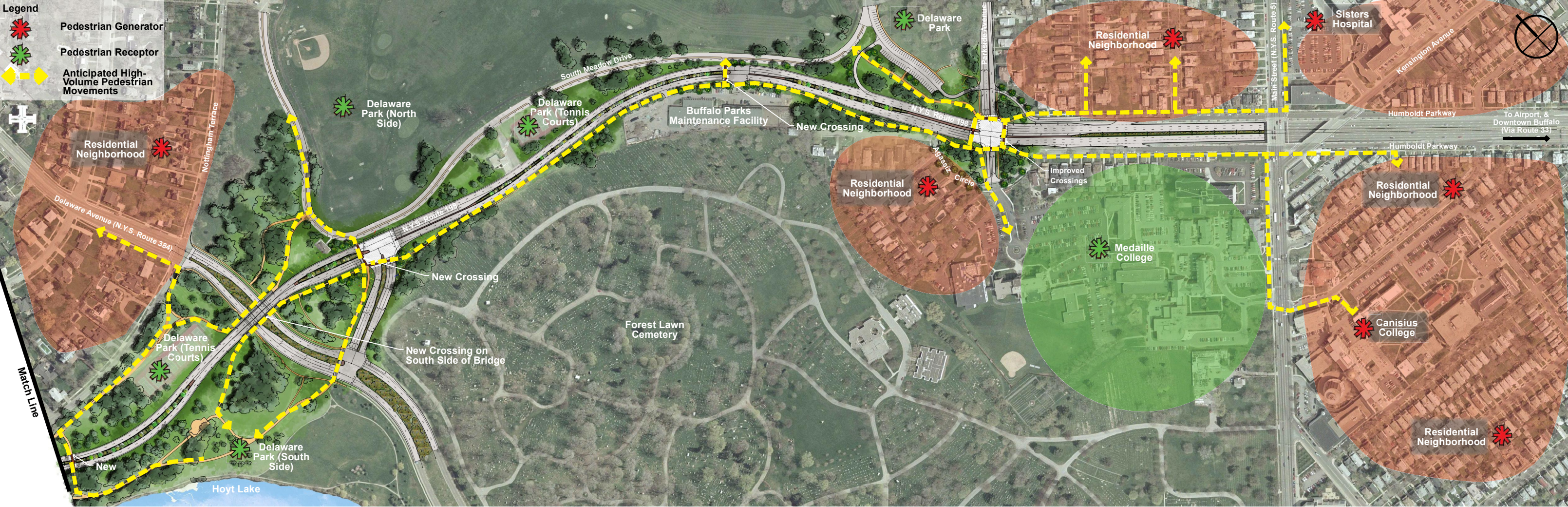


Exhibit 3.3.3.8

LEGEND

IRONWOOD GUIDE RAIL (OR SIMILAR)

LOW PROFILE CONCRETE BARRIER

CLOSELY SPACED TREE LINE

BRIDGE RAIL AND/OR GUIDE RAIL WITH BICYCLE RAIL*

BRIDGE RAIL AND/OR GUIDE RAIL

* Similar to treatment on Elmwood Avenue Bridge

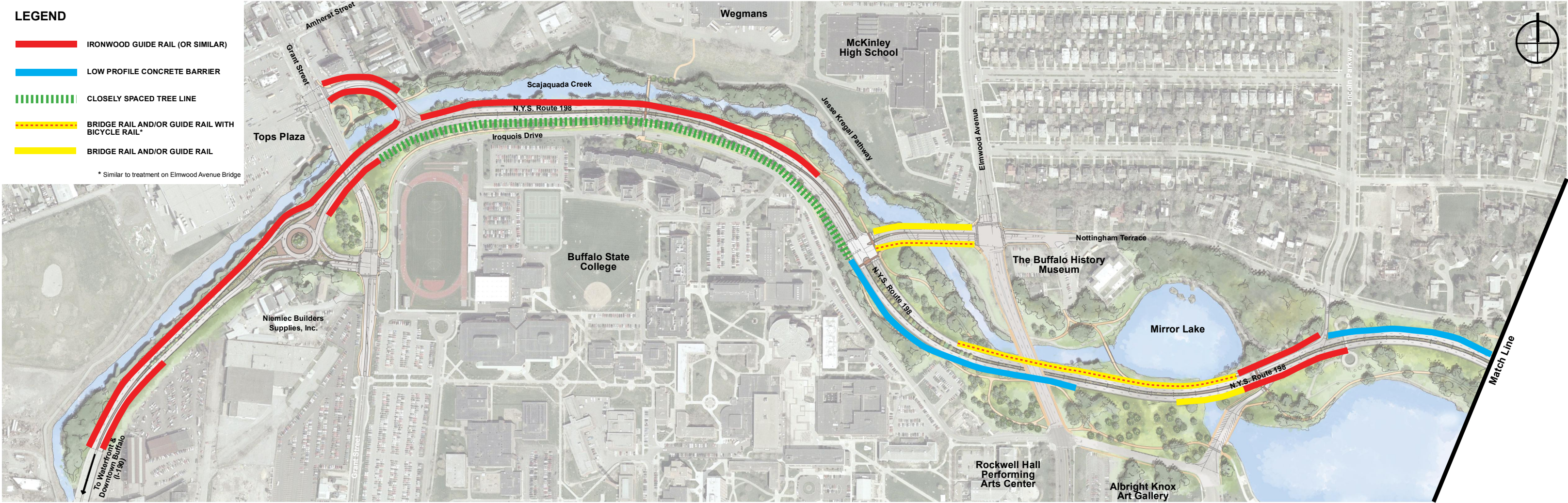


Exhibit 3.3.3.8

